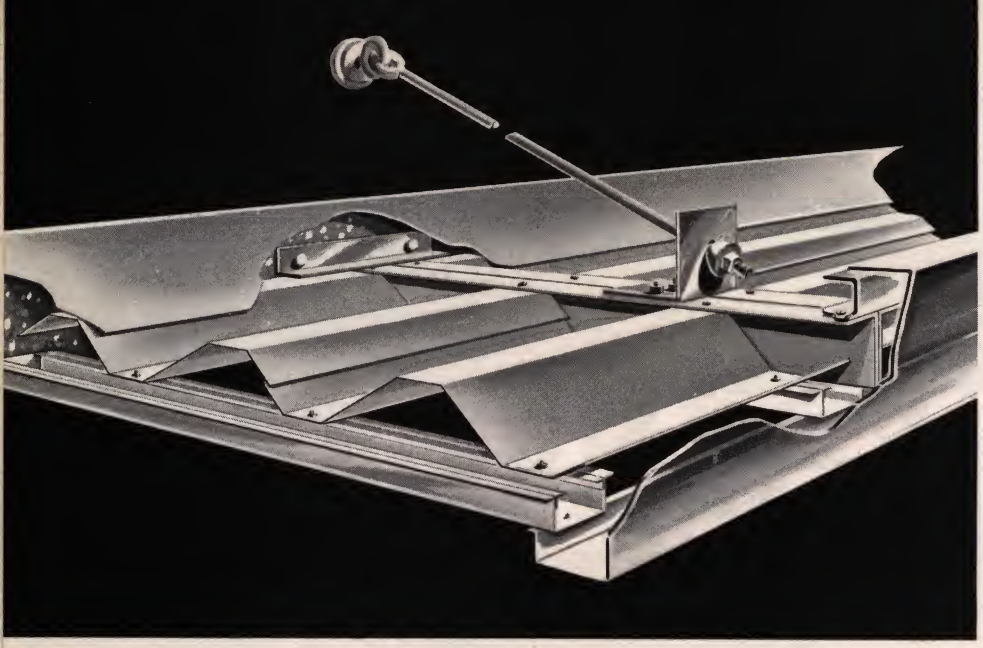
19e
Ma

LUMISHADE

Ventilated Aluminum Marquees

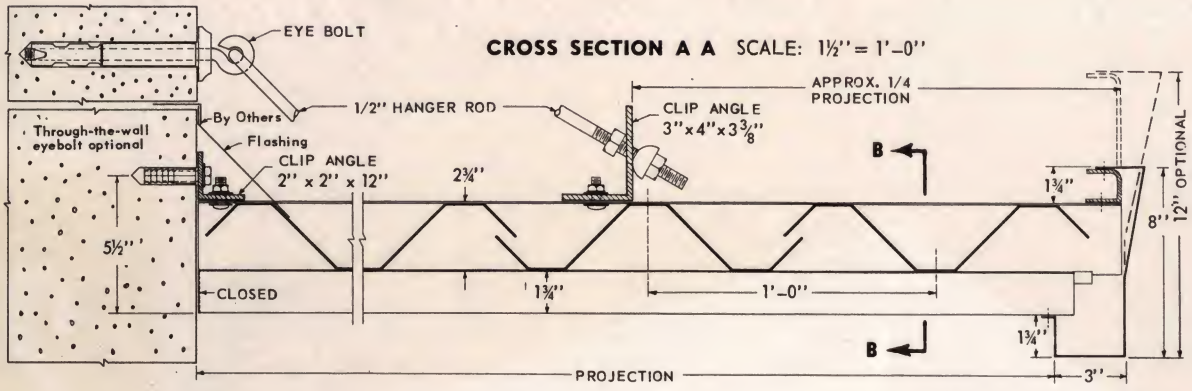
mapes
INDUSTRIES, INC.

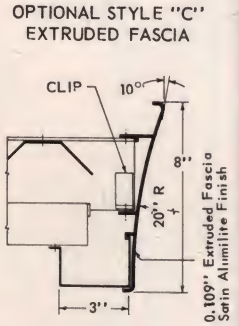


A simple economical method of installation. Lumishade is suspended by galvanized steel hanger rods and clip angles. Calculations on live load capacity furnished on request. Water drains at front corners and/or rear corners or into optional continuous rear gutter (see page 8).

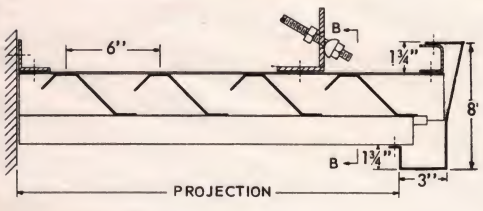
Standard Overlapping Louvre design provides protection from sun, rain and snow. Optional Open Louvre design provides sun protection with maximum reflected light. The two types may be combined in a single run for unusual effect.

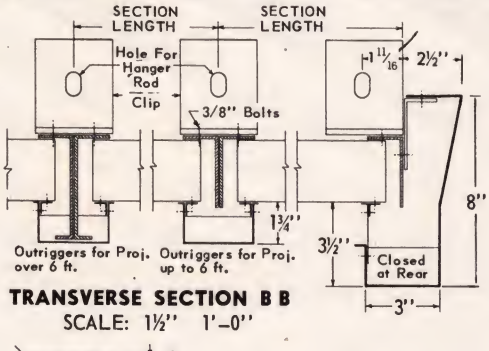
All parts shown on this page are furnished by Lumishade.



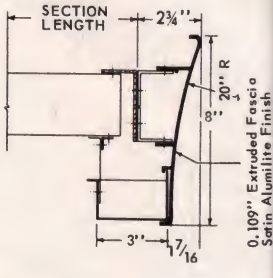


HANGER ROD 1





TRANSVERSE SECTION B B
SCALE: 1½" 1'–0"

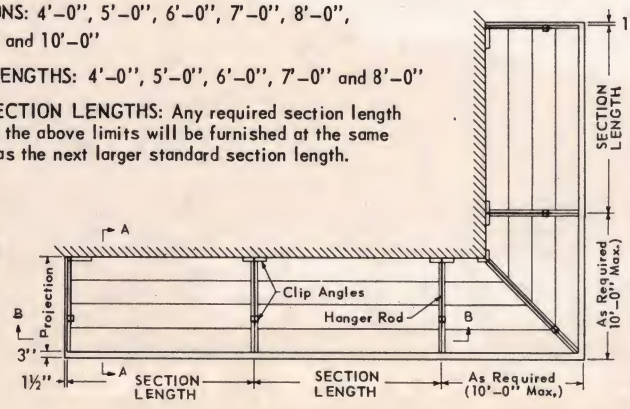


PROJECTIONS: 4'–0", 5'–0", 6'–0", 7'–0", 8'–0", 9'–0" and 10'–0"

SECTION LENGTHS: 4'–0", 5'–0", 6'–0", 7'–0" and 8'–0"

SPECIAL SECTION LENGTHS: Any required section length within the above limits will be furnished at the same price as the next larger standard section length.

PLAN VIEW



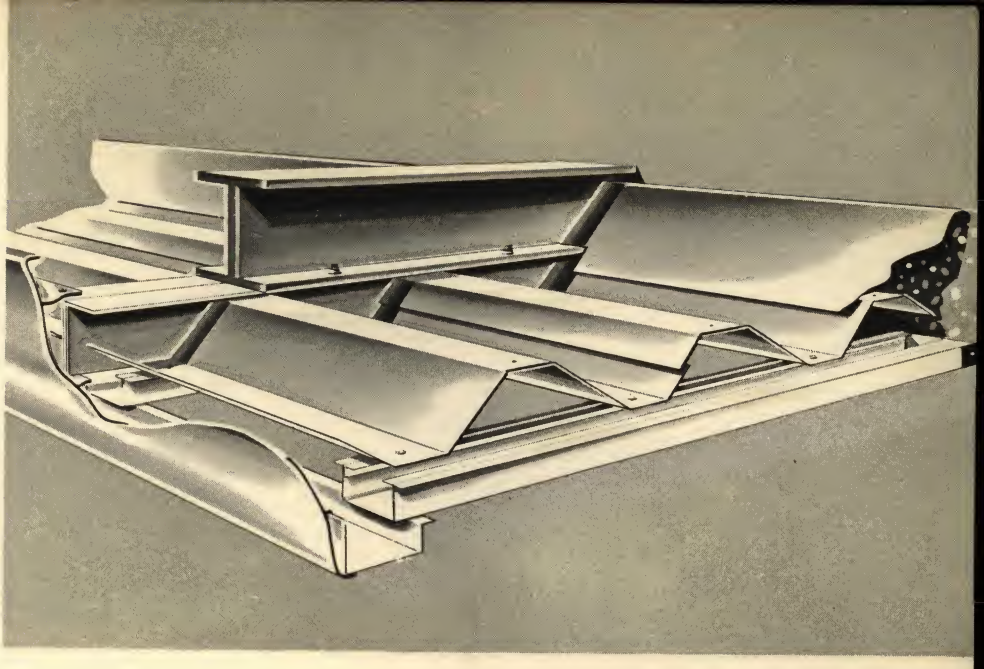
Architect: William Mooser, Jr., A.I.A., San Francisco, Calif.

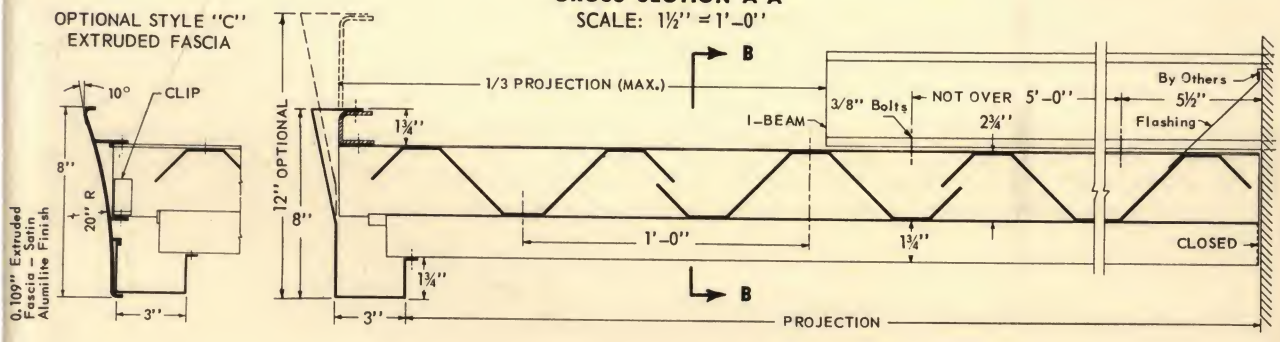
Lumishade sections hung by bolts from lower horizontal flange of cantilevered steel "I" beams.

Water drains at front corners and/or rear corners or into optional continuous rear gutter (see page 8).

Standard Overlapping Louvre design provides protection from sun, rain and snow. Optional Open Louvre design provides sun protection with maximum reflected light. The two types may be combined in a single run for unusual effect.

All parts shown on this page, except steel beams, are furnished by Lumishade.

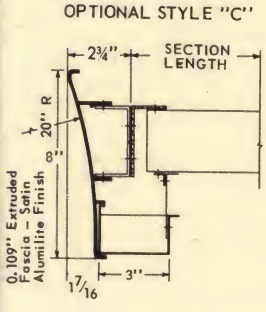


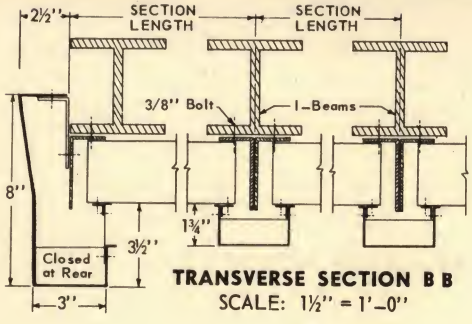


CROSS SECTION A A
SCALE: 1½" = 1'–0"

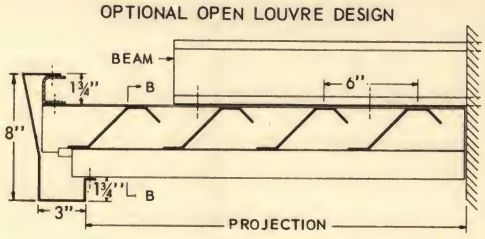
2

CANTILEVERED BEAM

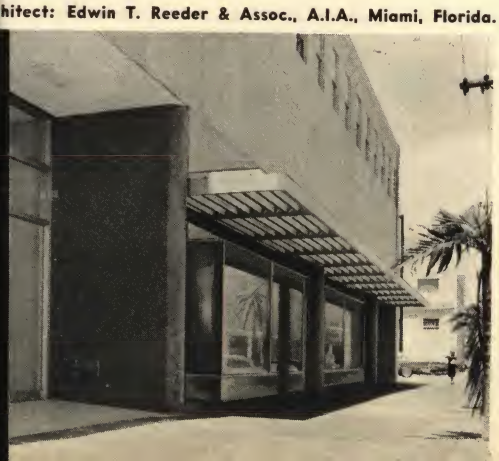


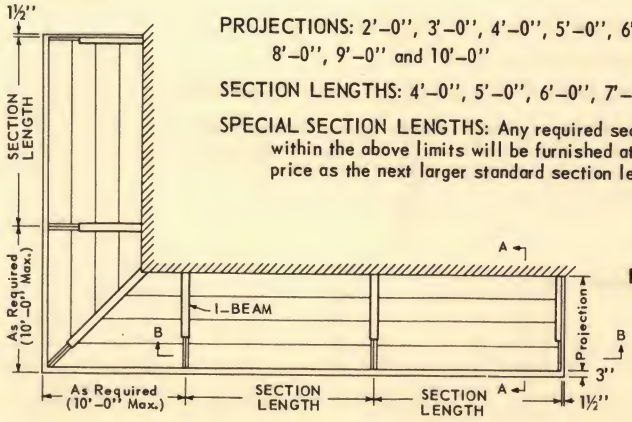


TRANSVERSE SECTION B B
SCALE: 1½" = 1'–0"



Architect: Edwin T. Reeder & Assoc., A.I.A., Miami, Florida.



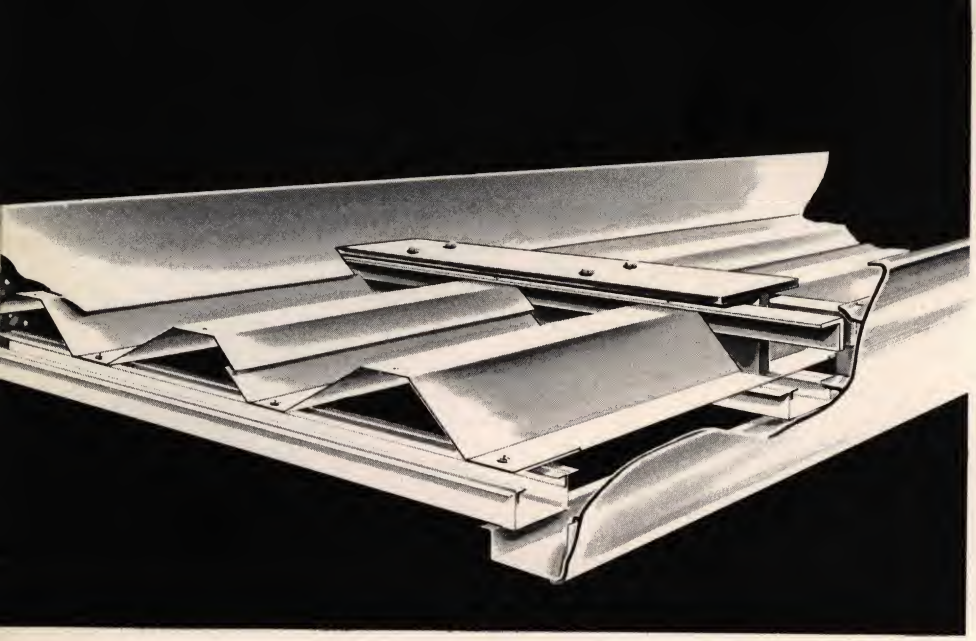


PLAN VIEW

PROJECTIONS: 2'–0", 3'–0", 4'–0", 5'–0", 6'–0", 7'–0", 8'–0", 9'–0" and 10'–0"

SECTION LENGTHS: 4'–0", 5'–0", 6'–0", 7'–0" and 8'–0"

SPECIAL SECTION LENGTHS: Any required section length within the above limits will be furnished at the same price as the next larger standard section length.



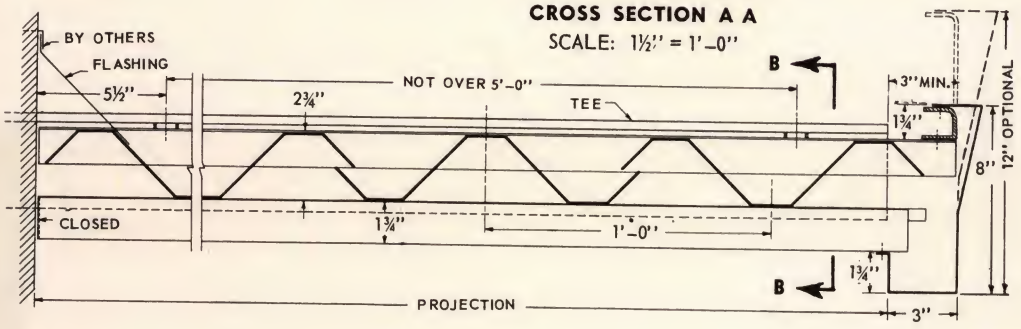
Lumishade sections hung by bolts from the horizontal flange of steel tees. Note that the tees are concealed from view from below and from the front.

Water drains at front corners and/or rear corners or into optional continuous rear gutter (see page 8).

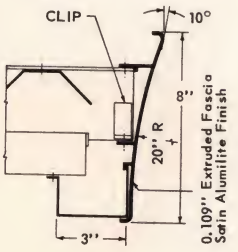
Standard Overlapping Louvre design provides protection from sun, rain and snow. Optional Open Louvre design provides sun protection with maximum reflected light. The two types may be combined in a single run for unusual effect.

All parts shown on this page, except steel tees, are furnished by Lumishade.

CROSS SECTION A A
SCALE: 1½" = 1'–0"

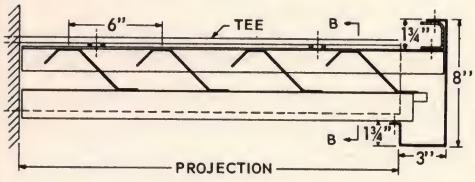


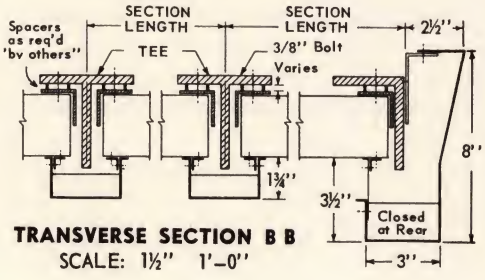
OPTIONAL STYLE "C" EXTRUDED FASCIA



3 CANTILEVERED "TEE"

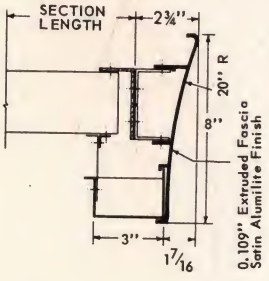
OPTIONAL OPEN LOUVRE DESIGN





TRANSVERSE SECTION B B
SCALE: 1½" 1'–0"

OPTIONAL STYLE "C"

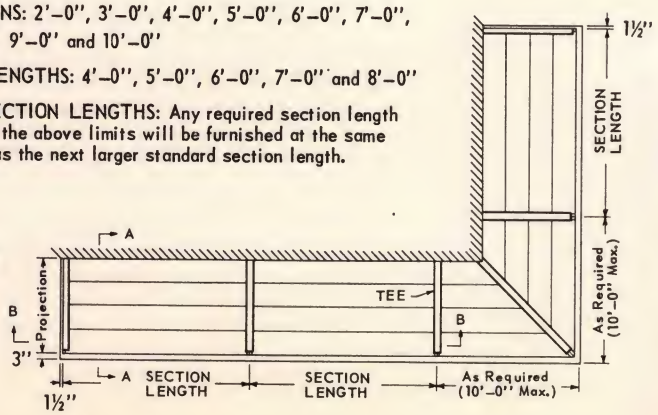


PROJECTIONS: 2'–0", 3'–0", 4'–0", 5'–0", 6'–0", 7'–0", 8'–0", 9'–0" and 10'–0"

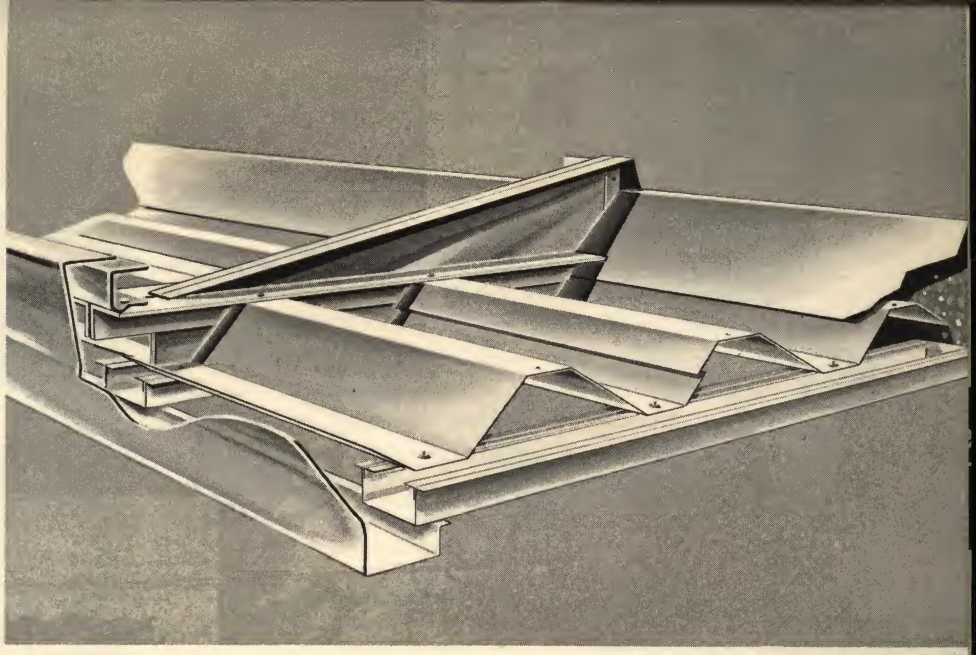
SECTION LENGTHS: 4'–0", 5'–0", 6'–0", 7'–0" and 8'–0"

SPECIAL SECTION LENGTHS: Any required section length within the above limits will be furnished at the same price as the next larger standard section length.

PLAN VIEW

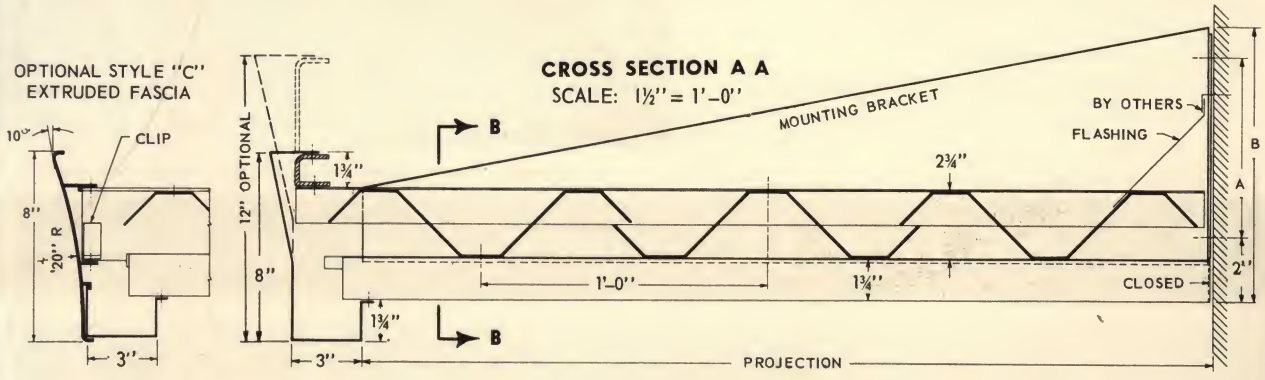


Architect: Doyle M. Baldridge, A.I.A., Austin, Texas.



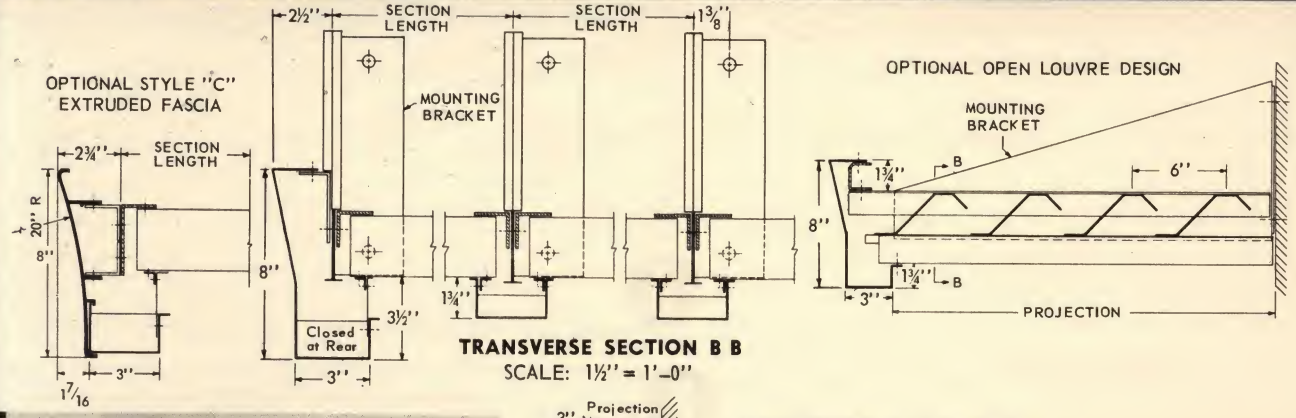
Lumishade sections installed on simple mounting brackets which are partially concealed within the eyebrow itself. Ideal for ribbon windows or other applications on which a short projection is desirable. Water drains at front corners and/or rear corners or into optional continuous rear gutter (see page 8). Standard Overlapping Louvre design provides protection from sun, rain and snow. Optional Open Louvre design provides sun protection with maximum reflected light. The two types may be combined in a single run for unusual effect.

All parts shown on this page are furnished by Lumishade.



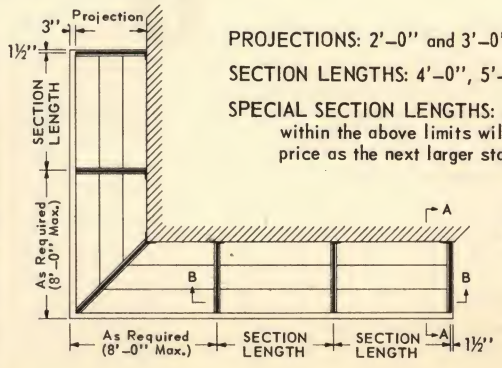
4

EYEBROW



	PROJECTION	
	2'	3'
A	5 3/8"	8"
B	9 1/16"	11 11/16"

Architect: Jay T. Liddle, A.I.A., Jackson, Miss.



PROJECTIONS: 2'–0" and 3'–0"

SECTION LENGTHS: 4'–0", 5'–0", 6'–0", 7'–0" and 8'–0"

SPECIAL SECTION LENGTHS: Any required section length within the above limits will be furnished at the same price as the next larger standard section length.

PLAN VIEW

Lumishade sections installed on supporting steel frame to provide overhead shelter above walkways. Ideal for use in school construction involving separate buildings on the same plot. With louvre leaves perpendicular to line of traffic, width can be up to 10 feet. With louvre leaves parallel with line of traffic, widths up to 18 feet are possible. Standard Lumishade parts are used. Space limitations do not permit full detailing of covered walkways. Write for additional information on any specific problems or questions you may have.

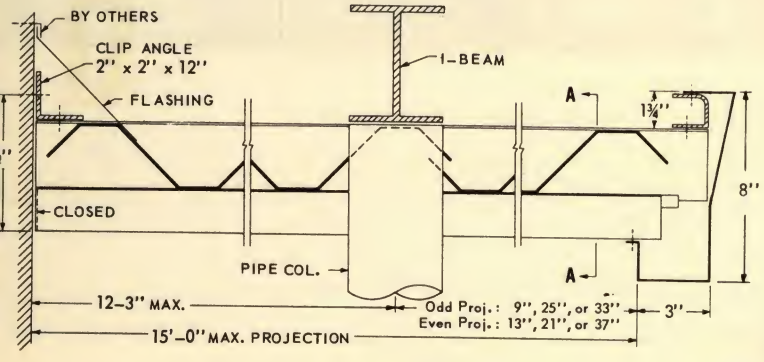
many variations and great flexibility in this style

Architect: Dan R. Sanford & Sons, A.I.A., Kansas City, Mo.

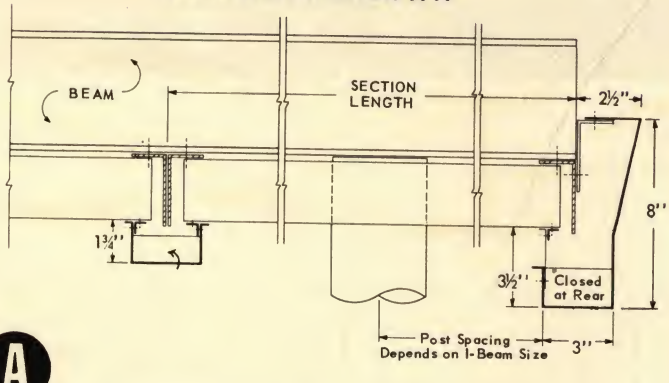
5 COVERED WALKWAY

PIPE

CROSS SECTION

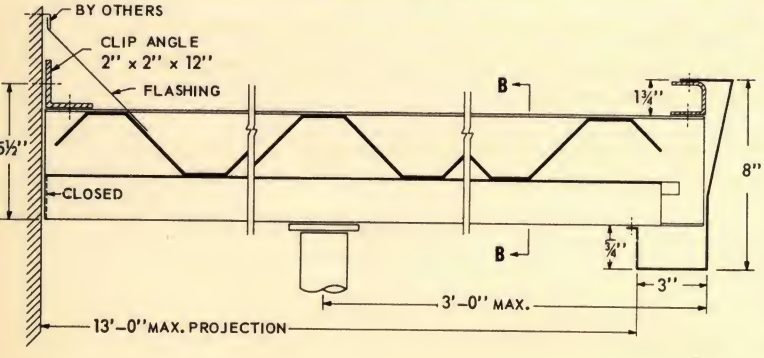


TRANSVERSE SECTION A A

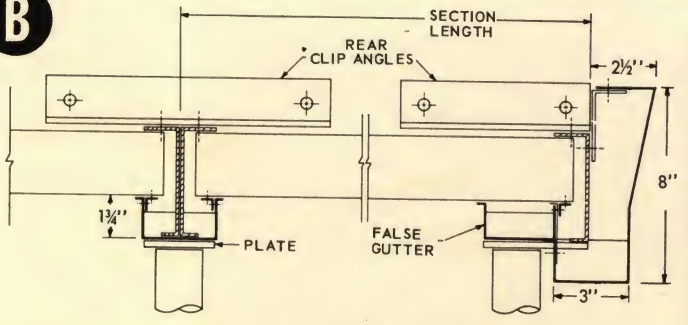


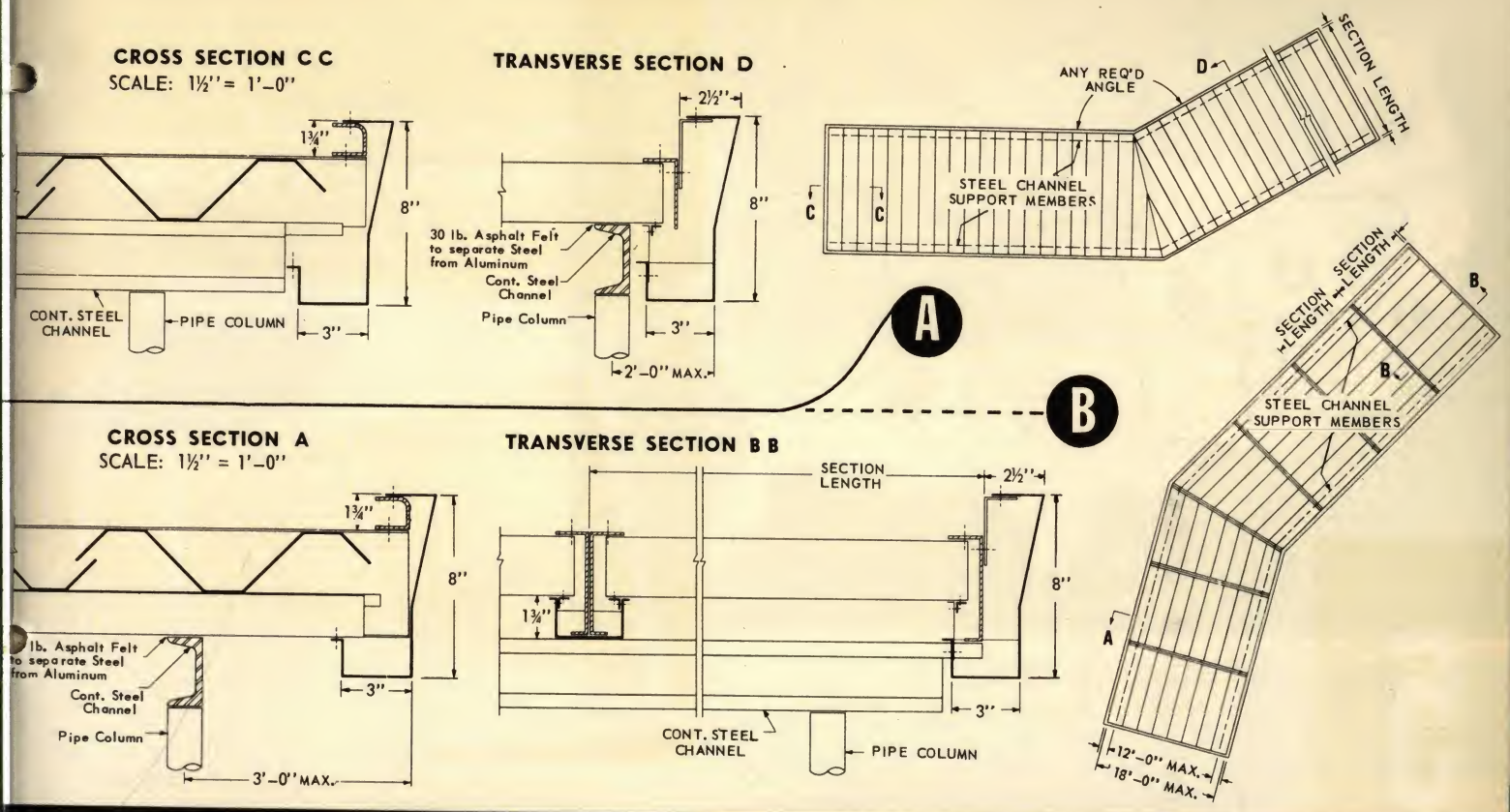
SCALE: 1½" = 1'–0"

CROSS SECTION



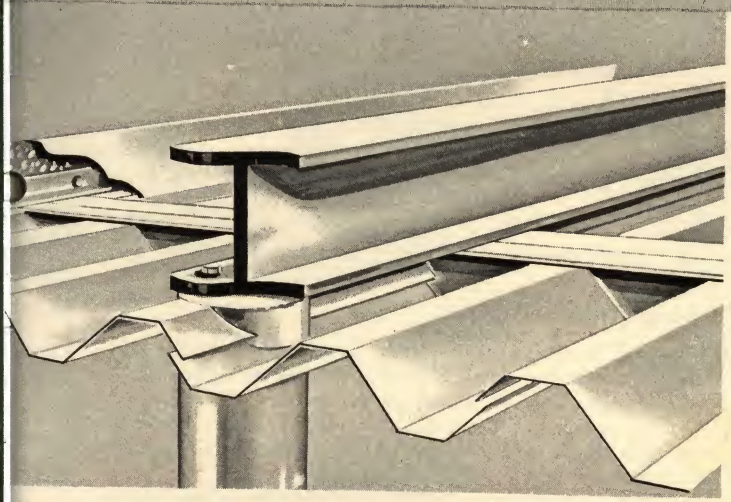
TRANSVERSE SECTION B B

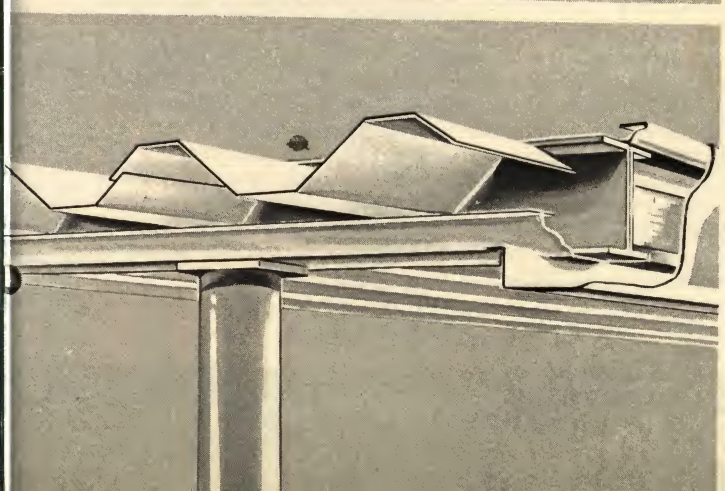




COLUMN SUPPORT

6





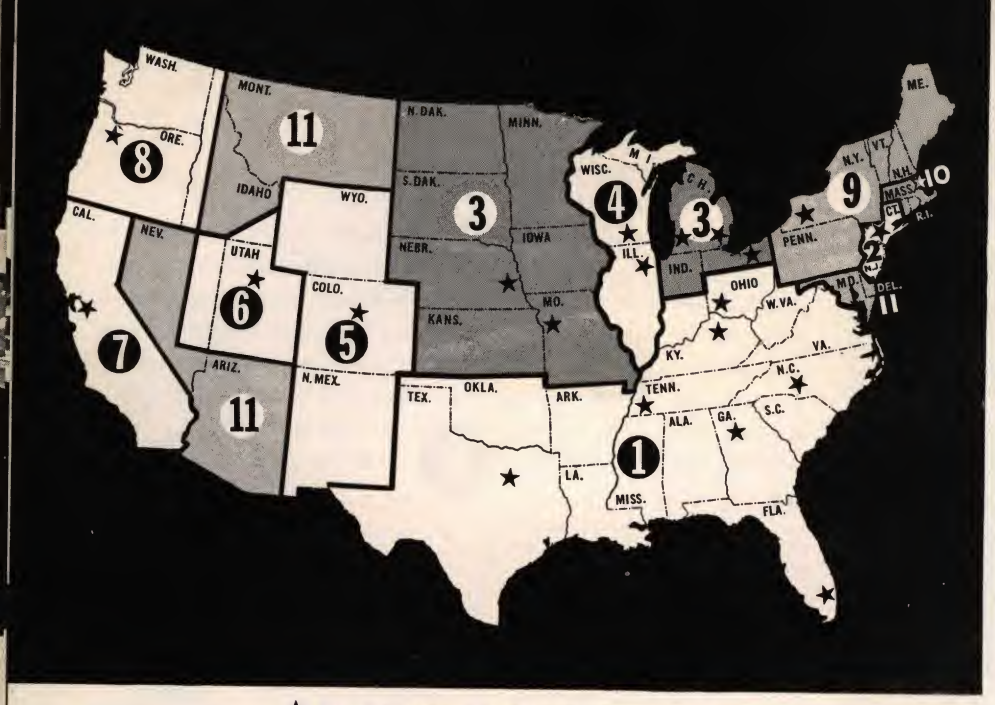
PROJECTIONS: 4'–0", 5'–0", 6'–0" etc., in multiples of 1'–0" up to 15'–0" maximum

SECTION LENGTHS: 4'–0", 5'–0", 6'–0", 7'–0" and 8'–0"

SPECIAL SECTION LENGTHS: Any required section length within the above limits.

Lumishade installed with support at or near the front edge of the unit being provided by pipe columns. Shown briefly here are two applications. Type "B" uses no structural steel other than the pipe columns and requires a pipe under each intermediate gutter. Type "A" requires the use of a steel beam above the unit, which permits pipe columns to be spaced as far apart as steel beam size permits.

Many more variations of pipe column support are possible. Write for additional details.



★ **Stars represent zone managers nearest your location.**

Regional Sales Offices

Inquiries may be directed to:

1. E. H. STRAUS CO.
   Delaware Avenue, Lexington, Kentucky
2. MR. WALTER R. BOPP
   140 78th St., North Bergen, N. J.
3. OWEN ENGINEERING SALES CO.
   P. O. Box 201, Niles, Mich.
4. KALCO SPECIALTY SALES CO.
   P. O. Box 429, Maywood, Ill.
5. MILE-HI SALES CO.
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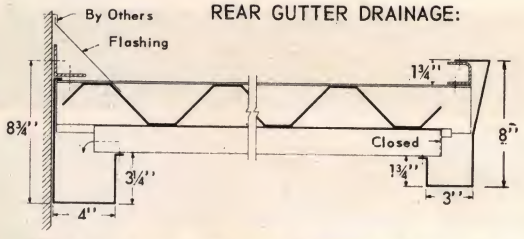
   P. O. Box 2425, Salt Lake City, Utah
7. LUND ENTERPRISES, INC.
   P. O. Box 596, Danville, Calif.
8. L. C. RITTER CO.
   2436 N.E. 92nd Ave., Portland 20, Ore.
9. MR. DONALD A. SMITH
   P. O. Box 766, Jamestown, N. Y.
10. MR. FRANK J. MEEHAN
    42 West St., Stoneham, Massachusetts
11. MAPES INDUSTRIES, INC.
    340 South 12th St., Lincoln, Nebraska

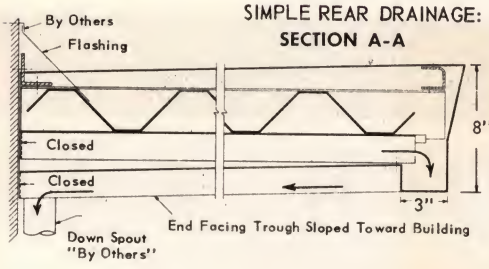
WATER DRAINAGE

REAR GUTTER DRAINAGE:



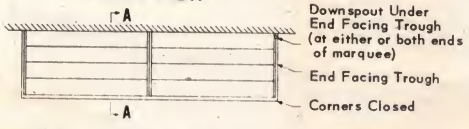
Water drains into a rear gutter continuous at the building face. This water may be drained off by one or more downspouts located anywhere along the rear gutter.

SIMPLE REAR DRAINAGE:



Front corners of the marquee are sealed so that water is directed to and drained from one or both rear corners into downspouts at the building face.

PLAN VIEW



STANDARD DRAINAGE: One or both front corners of the marquee are provided with openings to let water spill directly to the ground.

SPECIFICATIONS

Aluminum marquee shall be Lumishade as manufactured by Mapes Industries, Inc., Lincoln, Nebr. Size and type to be as detailed. All louvre leaves shall be attached to and supported by extruded aluminum outrigger members of suitable strength and alloy. Intermediate gutters shall be of .040" aluminum with one end welded closed at factory and be readily removable for cleaning if necessary. Louvre leaves shall be .....(overlapping type) (open type) (overlapping type and open type combined as indicated on the plans) and shall be of .040" aluminum having a minimum yield strength of 35,000 P.S.I. Fascia shall be.....(standard style "K" made of .040" smooth aluminum) (style "C" .109" extruded, using as many 20'-0" lengths as possible). Water drainage from overlapping type louvre leaves shall be.....(at the front corners of the marquee spilling directly to the ground) (into downspouts at the rear corners of the marquee) (into a continuous rear gutter drained by downspouts at points indicated). All Ferrous fasteners and hanging accessories shall be heavily galvanized or cadmium plated. All louvres, gutters and fascia to be caustic etched and alumilited. Entire unit shall be erected straight and true.

GENERAL INFORMATION

AVAILABILITY. Lumishade is marketed through the glass and store front trade plus selected Lumishade specialty organizations.
COST. The installed cost of Lumishade varies from about $2.75 to about $4.00 per square foot depending on quantity, projection, fascia style, etc. Open louvres and overlapping louvres cost about the same per square foot.
ADVANTAGES. Lumishade marquees shut out direct rays of the sun while "filtering" light through. Overlapping louvre design prevents passage of rain or snow but permits hot air to escape. Lumishade presents a clean modern appearance with virtually no maintenance.
ASSISTANCE. Regional sales offices or the factory office will gladly furnish information, suggestions for special problems, etc.
ENGINEERING. Engineering calculations on live load capacity furnished on request. These calculations will show an analysis of Lumishade structural members under a uniform live load of 60 lb. per square foot.
FINISHES. Standard finish is caustic etch and alumilite. Colored baked enamel is also available on the fascia only. Factory can match almost any color or shade.

mapes INDUSTRIES, Inc. 340 So. 12th St. Lincoln, Nebr. Tel. 2-4563

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